US Environmental Protection Agency
Region II
EXPEDITED REMOVAL ASSESSMENT CRITERIA

SITE NAME	MPF Inc.				
Date of Report	9/10/98	*Removal Eligible (yes/no)*	Yes	*Site ID No.*	N/A
CERCLIS NO.	N/A	*RCRIS NO.*	N/A		

Location:{street, block, lot, city, county, state, zip code,Longitude, Latitude}	890 Paterson Plank Road Bergen County East Rutherford, NJ		
Mailing Address	Same As Above		
Abandoned (date)	12/97		
EPA Investigators (Name & Phone #)	N. Norrell 732-321-4357 A. Anderson 732-906-6803	*Date of Investigation*	9/9/98
State Investigators (Name & Phone #)	Hayder Camargo 973-669-3955	*Date of State Response*	9/9/98
State Case No.	Unknown	*NRC Case No.*	N/A
ERNS Case No.	N/A		
Contact for Access to Property (facility, state, local) (phone #)	Virginia Scaglione (Top Notch Metal Realty) 201-939-9389 201-939-2129 Hayder Camargo (NJDEP) 973-669-3955 Thomas Brady (NJDEP) 973-299-7571		
Directions to site (narrative) (Enclose copy of map at end of report)	NJ Turnpike North to Exit 16W Route 3 East to Route 120 North Route 120 North is same as Paterson Plank Road West Facility is on Paterson Plank Road at above listed address (Site is located between Fairfield Inn and Matheson Gas)		
Access Agreement (Verbal, Written, None, Any problems gaining access? If so, was an attorney assigned for the site? EPA Attorney's name & phone number)	Access to property is via NJDEP. Unknown type of access agreement between NJDEP and property owner. Property owner was present during EPA assessment and granted access for that time.		

A. Site History (*Short Narrative describing the origination of the site*)

Site was originally operated by "Top Notch Metals". Top Notch went out of business and the facility and equipment was leased to "Meadowlands Plating and Finishing". Meadowlands Plating did not pay rent for property or equipment and was evicted from facility sometime in 1996. Facility and equipment were then leased to "MPF Inc.". MPF did not pay rent for property or equipment and abandoned the facility in 12/97. Facility has been vacant since that time.

Top Notch Metals Realty is in the process of selling the tanks and equipment located at the facility to an unknown buyer in Michigan in order to recover some lost revenue. NJDEP has been allowing the Top Notch to transfer materials between tanks, decontaminate the empty tank and ship it to the buyer. In addition, some unused plating solution was given to an operating plating facility in Newark, NJ.

B. Site Characteristics

1. Physical Location

Type of Site (Industrial, Commercial, residential etc.)	Industrial
Current Operations	None
Past Operations	Metal Plating/finishing
Nature of Neighborhood (industrial, commercial, rural, suburban. Describe the pedestrian and vehicular traffic, is it a highway, is the area deserted etc.)	Industrial/Commercial Heavy auto/truck traffic on Paterson Plank Road Nearest residence approx. 1/4 mile

2. Physical Characteristics

Size of Property	Approximately 3 acres	*Number of Buildings*	1
Size of Bldgs, number of floors. basement	Unknown		
Building Drains (describe any evidence of potential discharge from the building and direction of flow, e.g sanitary sewer, are drain outfalls directed to a stream or other sensitive area, etc.)	Floor drains present. Drain discharge unknown. Evidence of heating oil having accessed floor drain in boiler room.		

Building Construction (Roof: Wood, metal Walls: Masonry, wood Floor: Concrete, wood)	Cinder block and steel beam construction.
Fire Protection systems (indicate if operational)	System present. Unknown if active.
System automatic Yes/No	Automatic
Other Physical Hazards (stability of the terrain, stability of stacked material)	Pits near plating tanks, some debris, drums and containers located around facility
Space availability for vehicles trailers, staging of drums, equipment, etc.	Large facility with parking available. Interior large enough to support removal operations. Office space may also be available within facility.

3. Site Conditions

Structural Integrity of Building/Structures (e.g. holes in the roof, past fires, evidence of past damage, water damage, obstacles to site entry)	Building is recent construction (late 1970's) and in very good condition. Grounds are slightly overgrown but also in good condition.
Evidence of Public Entry (graffiti, vagrants, dumping etc.)	None
Housekeeping (Evidence of stains on ground, discolored water, pools of liquid on the ground, debris)	Some evidence of spilled material on facility floor. Pits around plating tanks contain material. Some dust on floor and equipment.
Occupancy (hours occupied)	Daytime only - exact hours/schedule unknown
Utilities Power/gas/water (On/off) Is there a fire hydrant nearby?	All utilities appear to be on.
Lighting (need of portable lights in order to work in the affected area?)	Power is on and facility is well lit.

Natural Hazards (e.g. poison ivy, poisonous snakes, stray dogs)	None observed. Part of rear lot is overgrown and there is some standing water near rear fence.
Other hazardous substance indicators (e.g. Dead fish, animals, vegetation; fissures or cracks in solid surfaces to expose deep waste layers, cleared land areas, pits, possible landfilled areas, pools of liquids, distinct odors, anything unusual)	None observed.

4. Security

Fencing (complete, partial, type, number of gates)	Property is partially fenced with chain-link. Single gate observed at rear of parking area.
Condition of fences (holes in fence)	Fences appear intact and in good condition.
Other means of site access (open door,windows etc)	All doors and windows appear to be secure.
Security Guard/Service (Type, shift hours)	None

5.Migration Pathways and Potential Receptors

Sewers (Storm or sanitary and distance from site)	Facility drains were observed. Location of nearest storm/sanitary sewer is not known.
Waterway, Confluences, Water intakes, drinking water wells (Distance from site)	Un-named tidal stream is located approximately 100 yards from the rear of the property. Stream reported to eventually access Hackensack River.
Sensitive ecosystems (wetlands, sanctuaries etc. and distance from site)	Wetlands area is adjacent to rear of property.

Human Exposure (playground, nursing homes, schools etc., Distance from site)	Active facilities are adjacent to sides of property. There is a hotel located less than 1/4 mile from property.
Air Pathways (Dust or spray in the air, asbestos, gas generation or effervescence, distinct odors, etc.)	N/A

6. Instrumentation and Sampling

Significant instrument readings during investigations (List instrument, levels and background)	N/A
Number of samples and type of analysis (e.g. hazcat or lab)	N/A

7. Number & Types of Containers

Container	Number and types of Containers (e..g. plastic, wooden, concrete, metal)	Condition of containers (rusted leaking, bulging corroded etc.)
55-gal drums	Approximately 200	Poor to New (overpacks)
5 - 30 gal containers	Approximately 100	Poor to Good
<5 gal containers	Approximately 200	Poor
Below ground storage tanks (number and sizes; indicate phase levels, etc.)	2 partially buried wastewater tanks Suspected oil UST's	Good Unknown
Above ground storage tanks (number and sizes; indicate phase levels, etc.)	35-40 Plating Tanks Misc. holding tanks	Good Some poor (Plastic)
Secondary containment (Condition, size and type of construction)	Pits around plating tanks	N/A

Container	Number and types of Containers (e..g. plastic, wooden, concrete, metal)	Condition of containers (rusted leaking, bulging corroded etc.)
Other (cylinders, explosives, etc.)	Approximately 12 compressed gas cylinders 2 X 30 cuyd roll-off 1 X 25 cuyd roll-off	Good Good Good
Empty containers (number, type and sizes)	Approximately 50, various sizes	Poor

8. Total Estimated Quantities

CERCLA Hazardous substance	Approximate Up to 35,000 gallons total at Site
OIL	Unknown
RCRA	Approximate Up to 35,000 gallons total at Site

9. Material Identification

Classification	Substance	Method of Identification (Labels, hazcat, analysis etc)
CERCLA (identify substances, e.g.benzene, PCB, etc.)	See Additional Information Section	N/A
Oil (Type)	Heating Oil	Owner supplied information
RCRA hazardous waste	D002, D007, F007	Haz Waste labels visible on containers

10. Evidence of Discharge

Evidence of actual discharge (leaking containers, observation of runoffs, etc.)	Stained floor areas. NJDEP response to leaking nitric acid tank, material in pits below plating tanks
Potential discharge (Haphazard storage, incompatibility, etc.)	Poor condition of some containers. Age of some containers. Possible incompatibility of plating/finishing/ rinsate solutions

THIS PAGE LEFT
INTENTIONALLY BLANK

THIS PAGE LEFT
INTENTIONALLY BLANK

Imminent discharge (e.g.damaged drums located at the edge of waterway, etc.)	N/A

11. Pending Actions

Pending Actions to complete investigations (e.g. sampling, hazcat, lab analysis)	Complete assessment needed. Should include sampling for hazcatting and confirmatory lab analysis.

C. Site Legal Status

1. Ownership

Status of Site Ownership	Top Notch Metal Realty
Status of Site Operations	None

2. Site Cleanup

Previous Actions	MPF performed partial cleanup. Hired contractor to dispose of some materials. 24 containers were overpacked and staged. Disposal was not completed.
Present Actions	NJDEP Enforcement action is ongoing

3. Enforcement Actions:

Records (records at the site or elsewhere)	Some records believed to be located at the Site. Some records are available from NJDEP.
Local	Unknown
State	Records available
EPA	Some records available from previous inspection (1996)
Other	Unknown

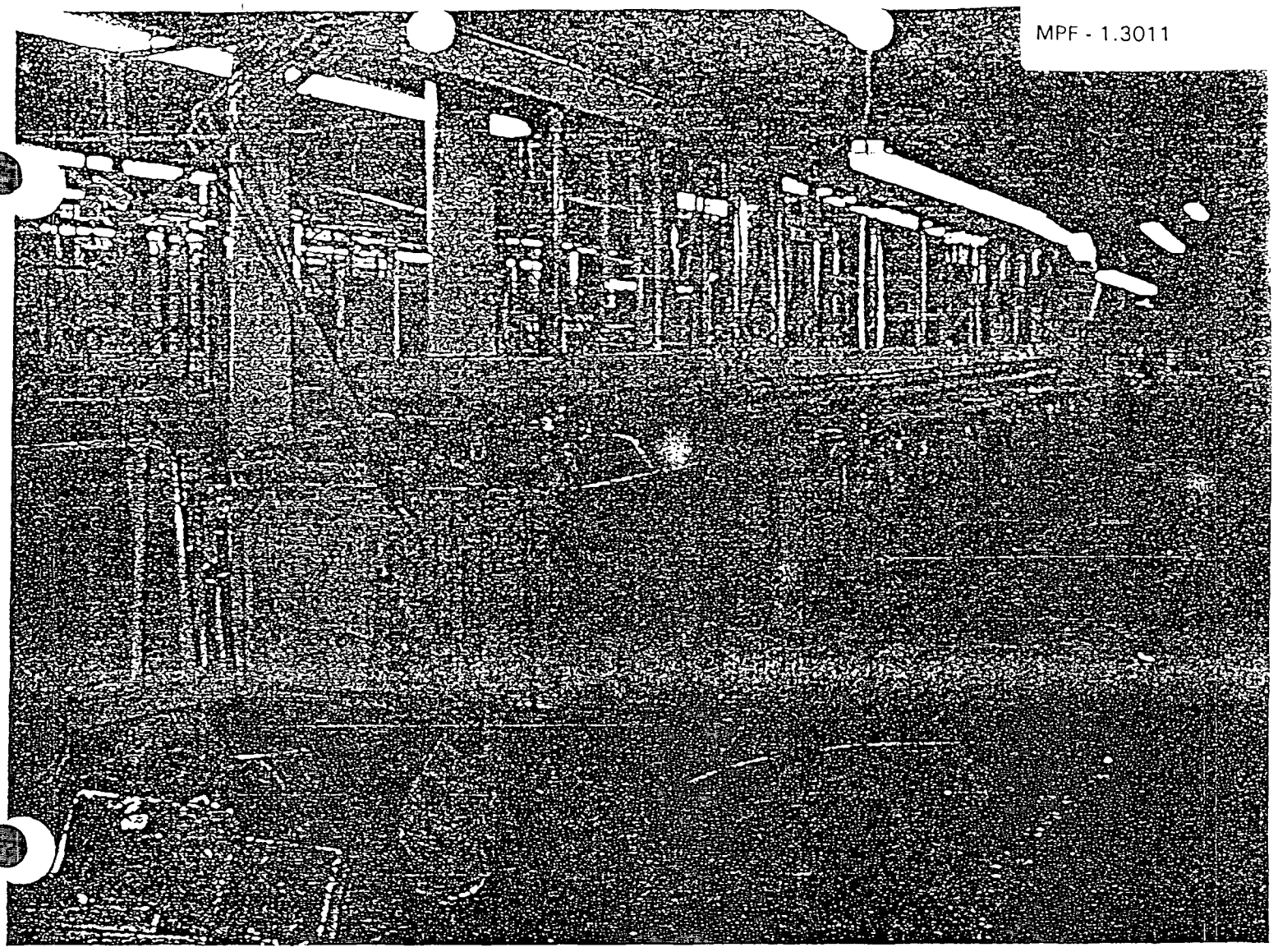
2. Additional Information

The following is a partial list of materials located at the Site based on label information and information provided by the property owner.

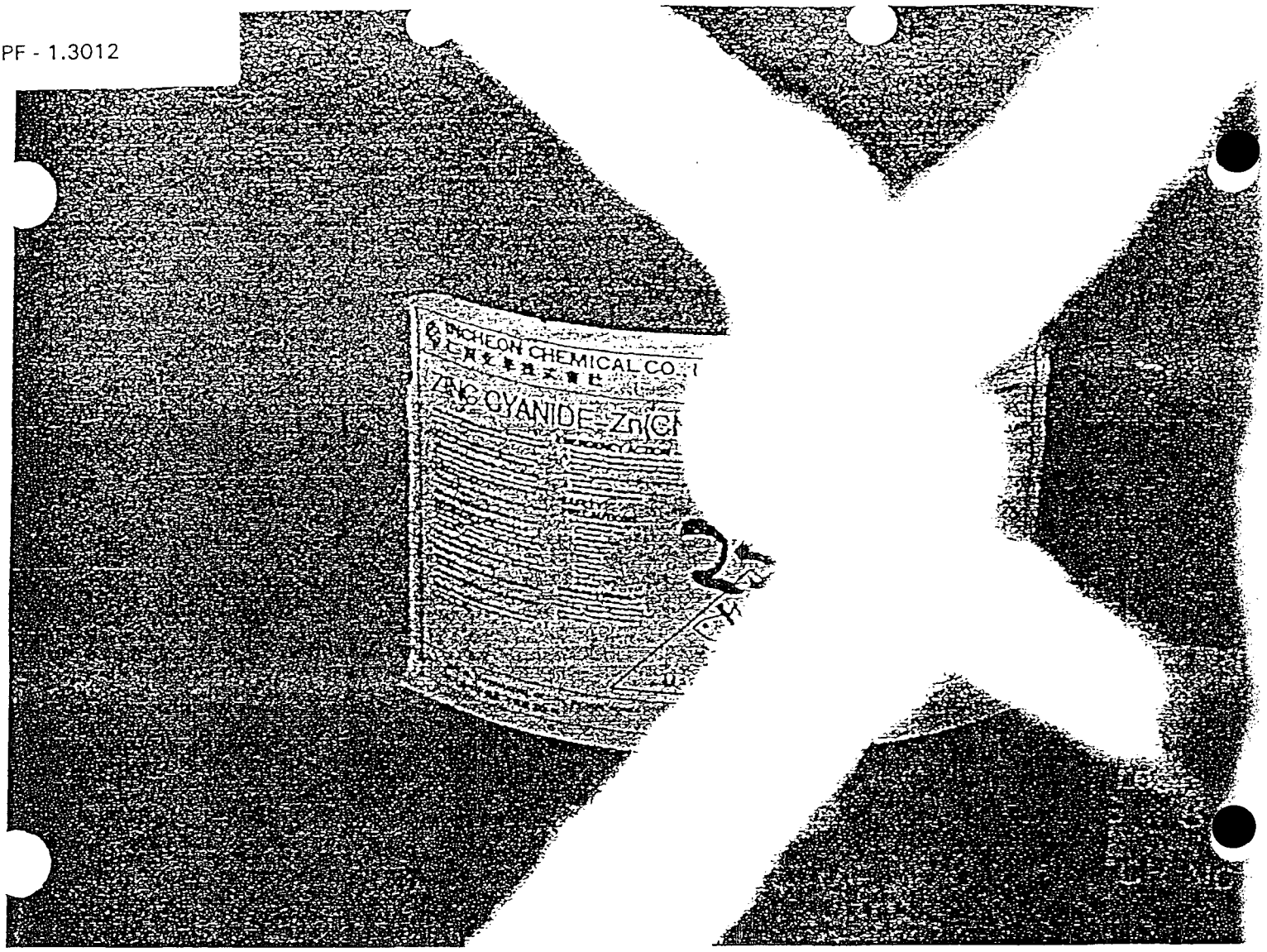
Chromic acid	silver nitrate
muriatic acid	zinc cyanide
nitric acid	copper cyanide
sulfuric acid	sodium cyanide
hydrochloric acid	hydrogen peroxide
sodium hydroxide	nickel chloride
sodium hypochlorite	nickel sulfate
magnesium hexafluorosulfate	oxygen (compressed gas)
methanol	acetylene (compressed gas)

3. Site Sketch, Maps, Photographs (append)

See attached photographs.



MPF - 1.3012



Corrosive liquid, acidic, inorganic, n.o.s. (nitric acid) (UN3264

INNER PACKAGES

MPF - 1.3014

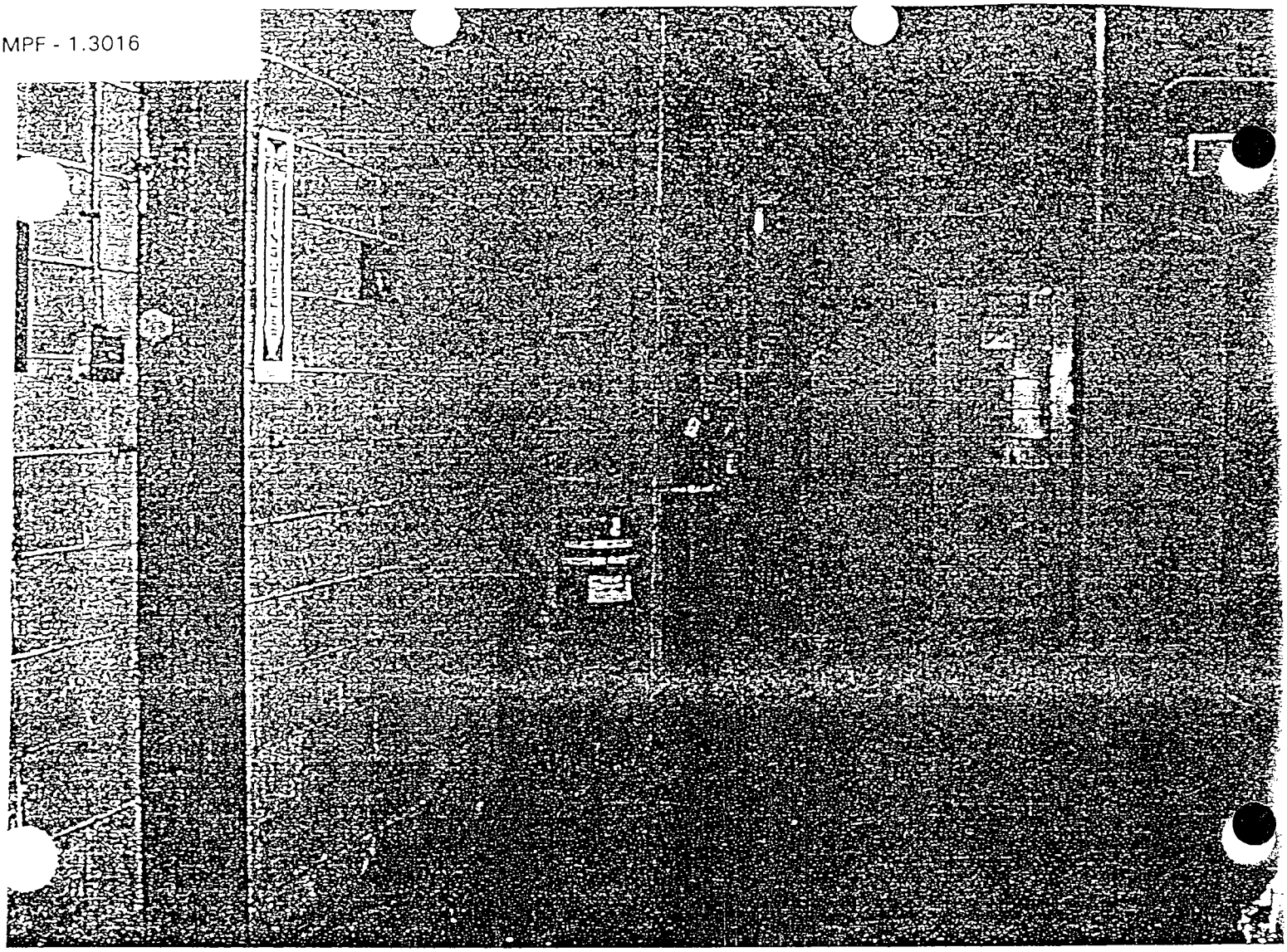
NEUTRALIZATION TRANSFER

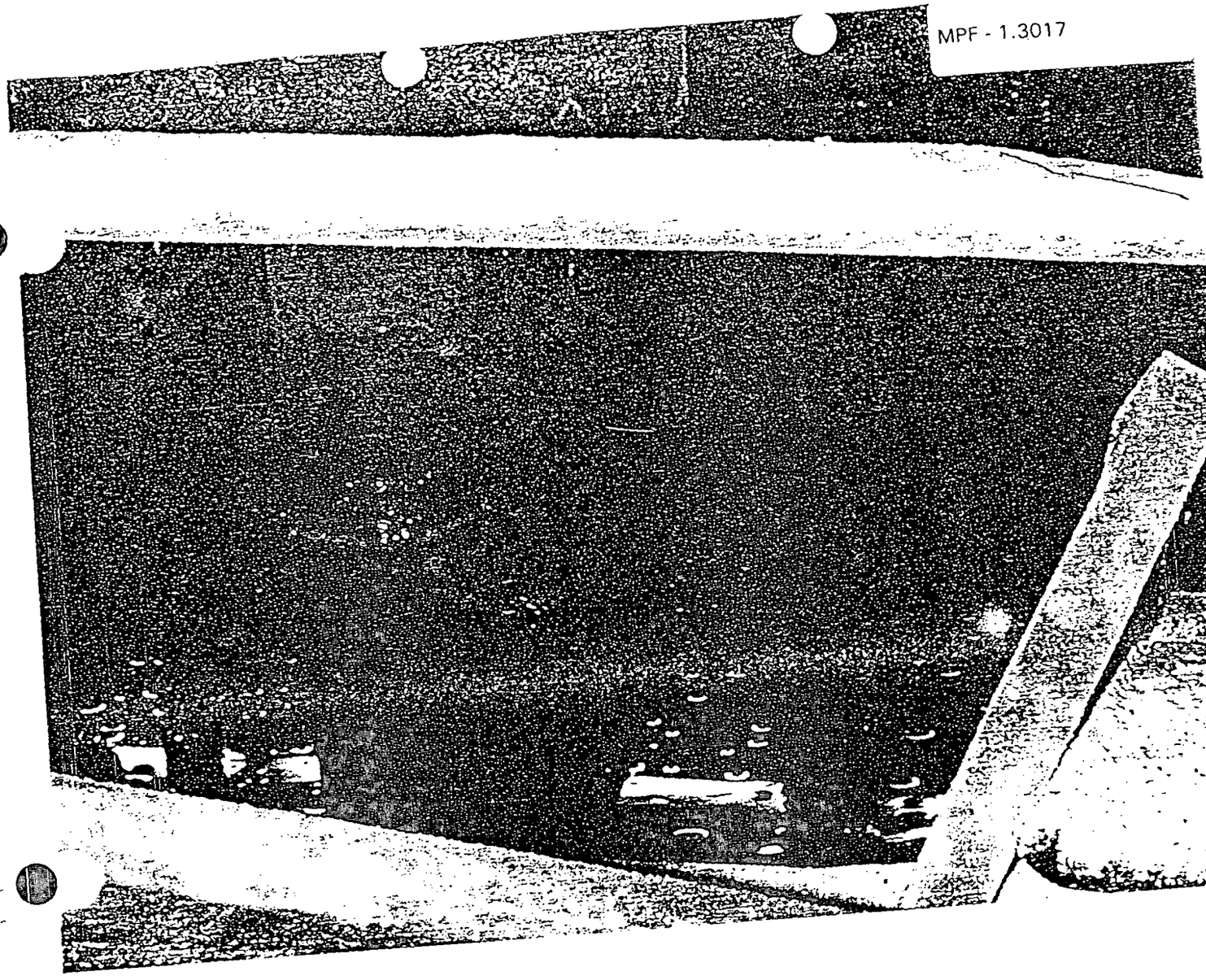
WASTE WATER - C.A.S. 7732-18-5
SODIUM HYDROXIDE - C.A.S. 1310-73-2
SULFURIC ACID - C.A.S. 7664-93-9

CONTAINS METAL HYDROXIDES
CONTENTS PARTIALLY UNKNOWN
CORROSIVE

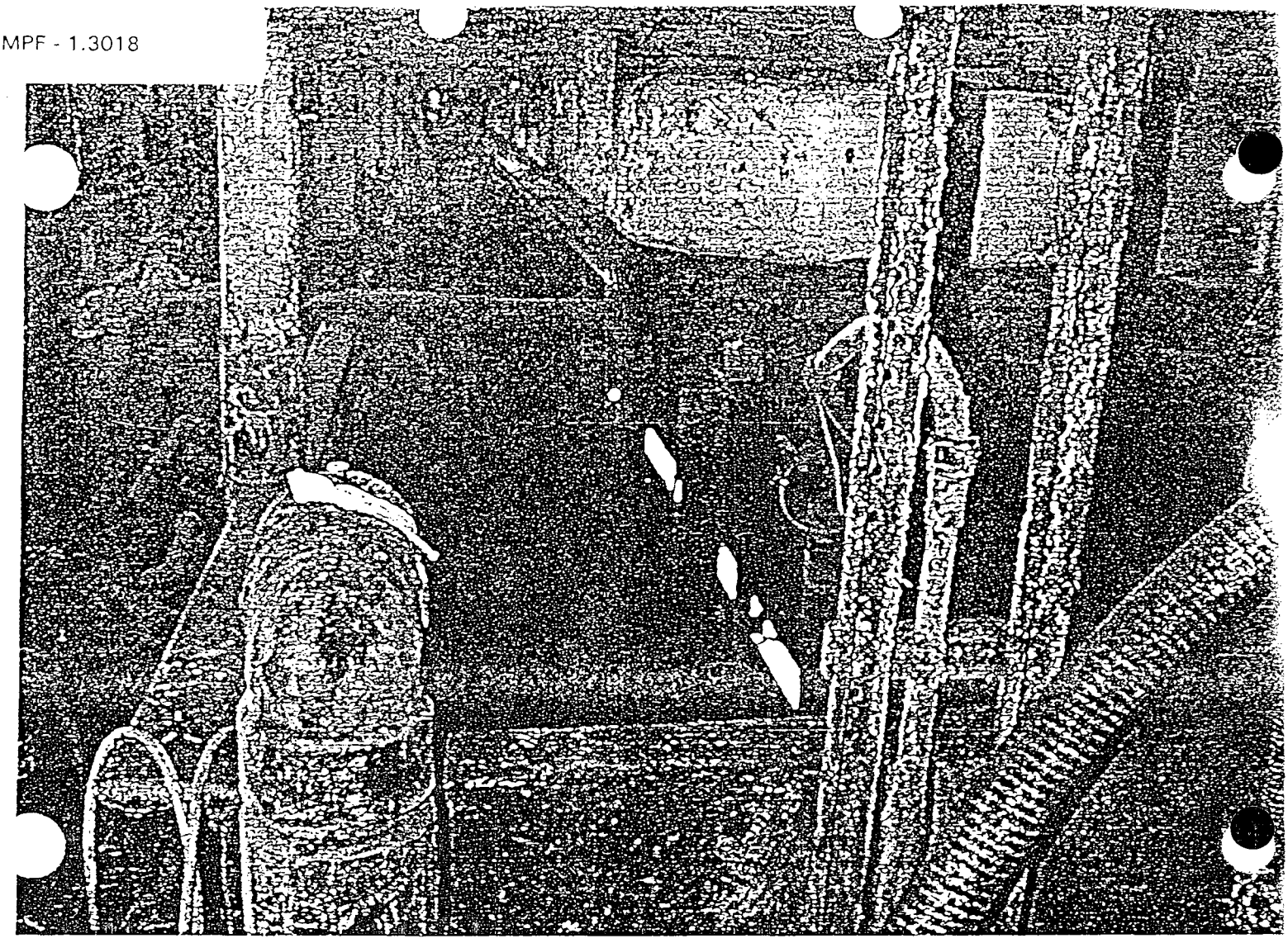
301B

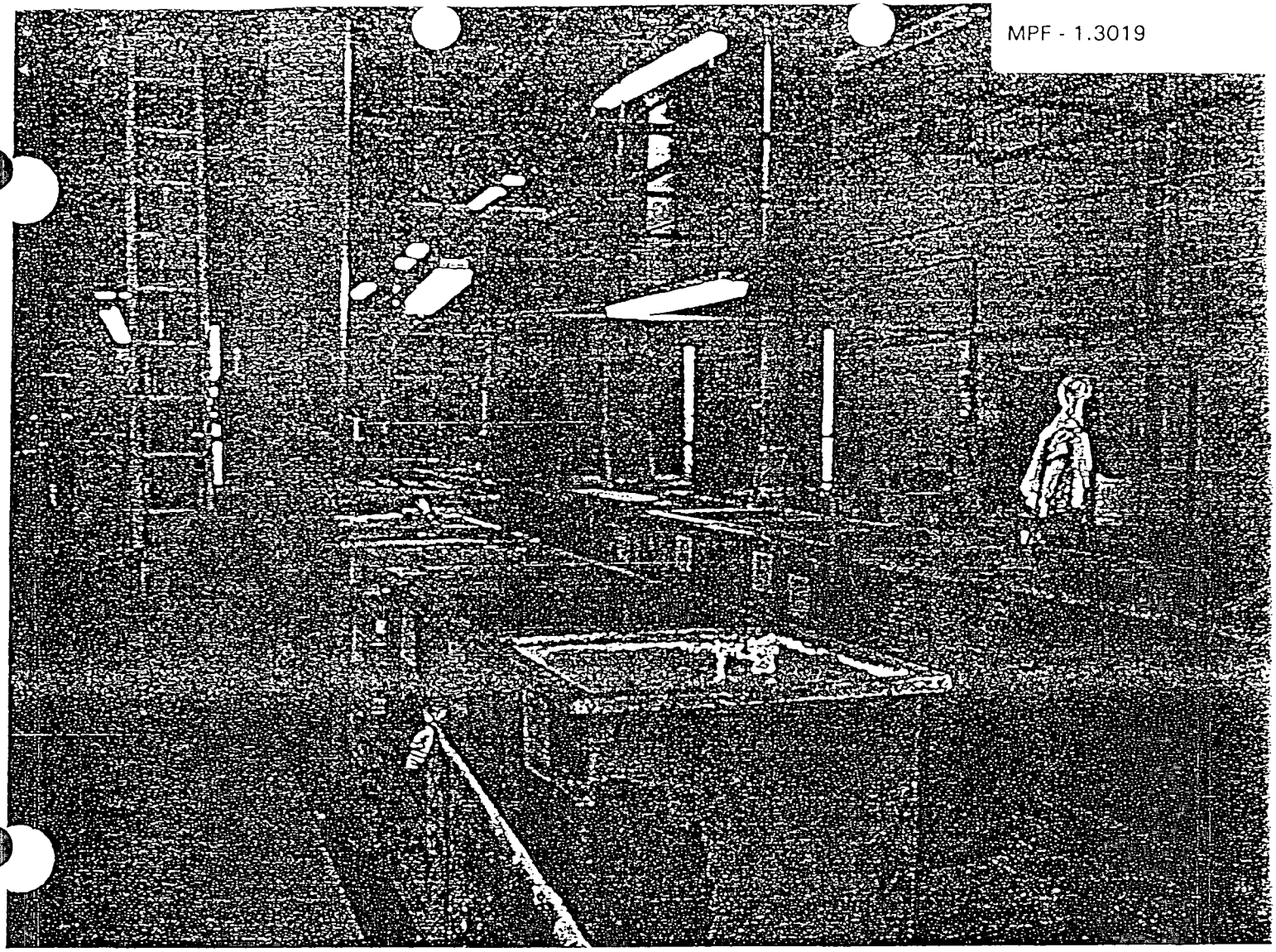

36ST



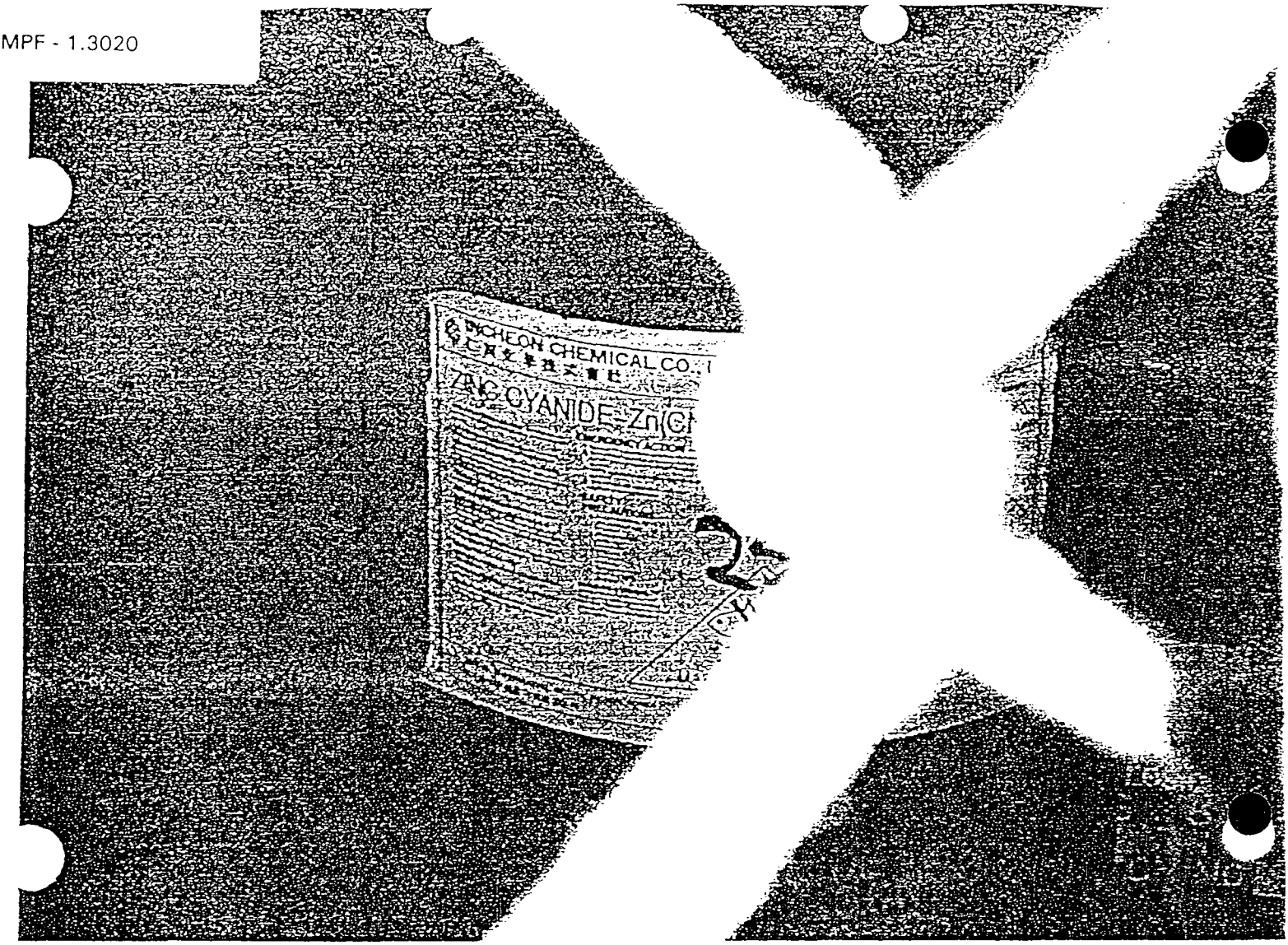


MPF - 1.3018



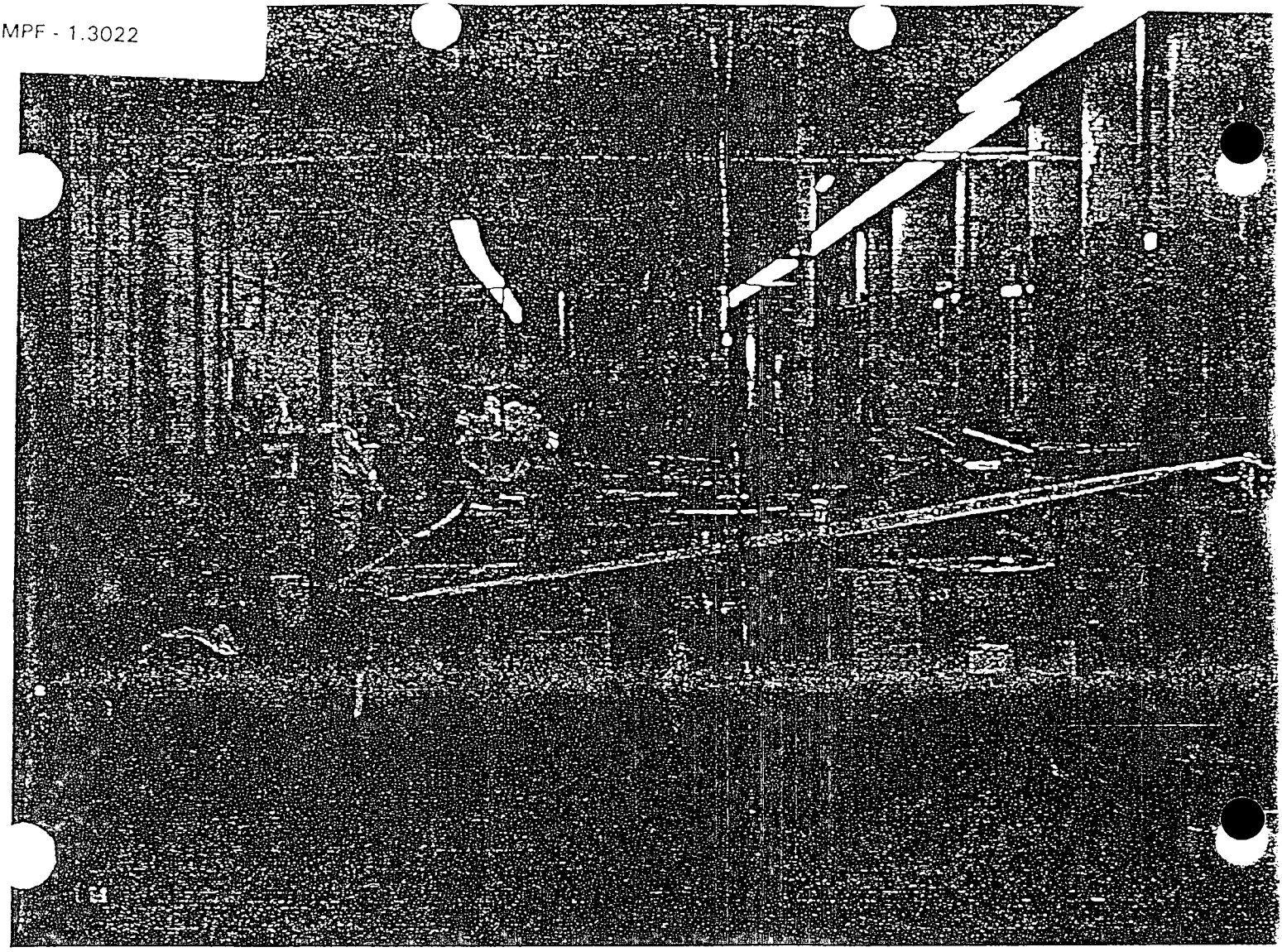


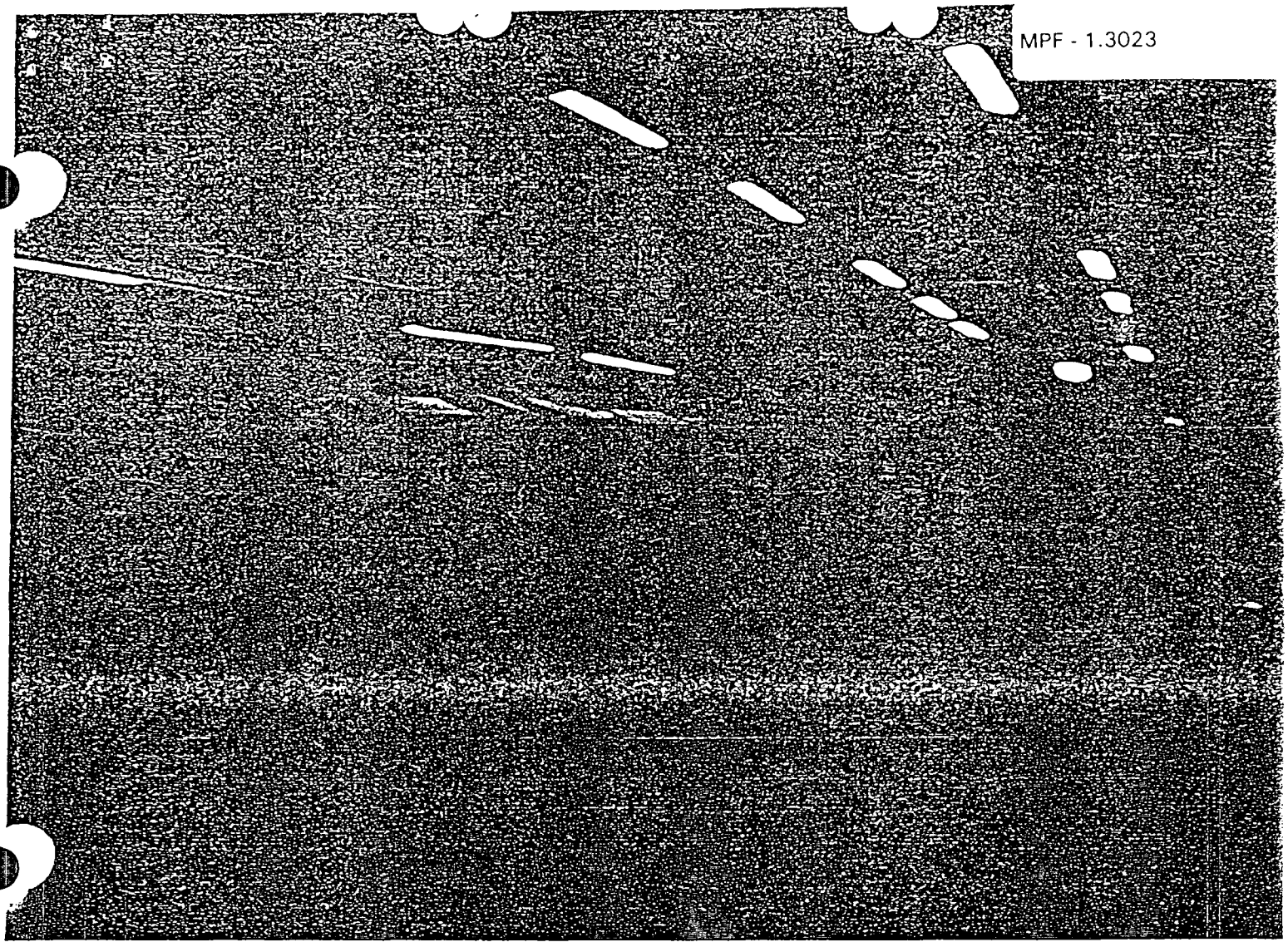
MPF - 1.3020




064

MPF - 1.3022





MPF Site

Partial Lab Inventory
9/11/98

Containers located in the lab section of the facility vary in size from 1 gallon to small ampules. Some containers are in good condition, most are in poor condition.

Many of the containers have been packed in boxes with no regard to chemical compatibility or orientation.

A complete inventory was not taken.

nitric acid
sulfuric acid
acetic acid, glacial
boric acid
silver nitrate
methanol
ethyl acetate
potassium chloride
sodium acetate
sodium thiosulphate
sodium chromate
potassium iodide
ammonium persulfate
sodium fluoride
sodium peroxide
sodium thiocyanate
formaldehyde
calcium carbonate
chromium, trivalent
ammonium hydroxide
sodium cyanide
nickel solution, ampules

Golpanol DFP (BASF)
XD-7131-T (MacDermid)
Chloromine-T
UN 1689 (sodium cyanide)